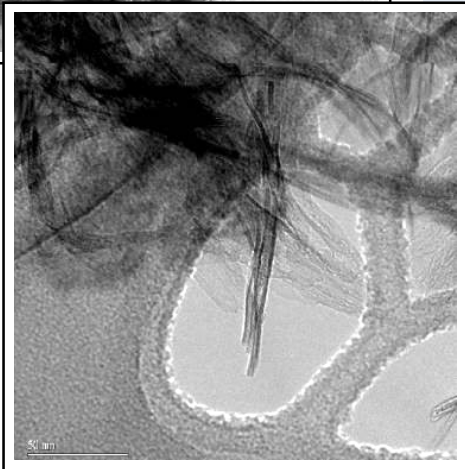
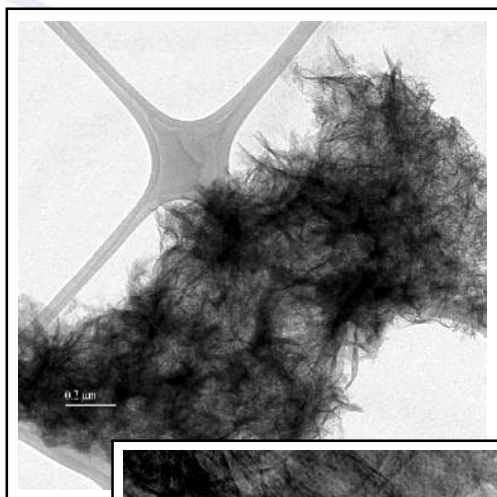




Nanosize Ceramic Fibers for Virus/ Bacteria Detection and Removal



- Nanoceram™ nano alumina fibers have unique properties
 - Electrostatic forces attract/retain bacteria, viruses, other macromolecules better than existing microporous membranes
 - High surface areas ideal for chemisorbency of dissolved heavy metals
- Product will fill niche in \$10+ Billion/year filters industry
 - Water purification/sterilization
 - Counter-terrorism (e.g. filtering biological agents from water)
 - Concentrator/collector to monitor air/water for biological agents
 - Reduce cost of bio separations for pharmaceutical processing
 - Artificial bone compositions
- Filters to be manufactured in Russia



Projected/Current Sales:
> \$10 Million/year

Commercialization:
started



Argonide Corporation
Sanford, FL



Design Technology Center
Tomsk, Siberia



VECTOR State Research Center of
Virology and Biotechnology
Novosibirsk, Siberia



National Renewable
Energy Laboratory
Golden, CO